DATASHEET

Recombinant Human TROP2 Protein

CAT. NO. AXP6644

KEY FEATURES

Target	TROP2	Expression Systems	Escherichia coli
Species	Human	Tag	N-SUMO & C-His
Modification	unmodified	Storage	-20°C

BACKGROUND

This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy. This supplementary information is collated from multiple sources and compiled automatically.

OVERVIEW

Protein name	Tumor associated calcium signal transducer 2
Molecular Weight	Predicted: 27.5 kDa; Apparent: 33 kDa
Modification	unmodified
Purification	SUMO at N-terminus; 6xHis at C-terminus
Usage	This product is validated for use as an immunogen and as a reagent in immunological assays
Form/Buffer	Liquid; Phosphate buffered saline
Organism	Homo sapiens (Human)
Core Sequence	THHILIDLRHRPTAGAFNHSDLDAELRRLFRERYRLHPKFVAAVHYEQPT IQIELRQNTSQKAAGDVDIGDAAYYFERDIKGESLFQGRGGLDLRVRGEP LQVERTLIYYLDEIPPKFSM
Alternative Names	Cell surface glycoprotein Trop-2; Membrane component chromosome 1 surface marker 1; Pancreatic carcinoma marker protein GA733-1
Gene Symbol	TACSTD2
Entrez Gene	4070
SwissProt	P09758

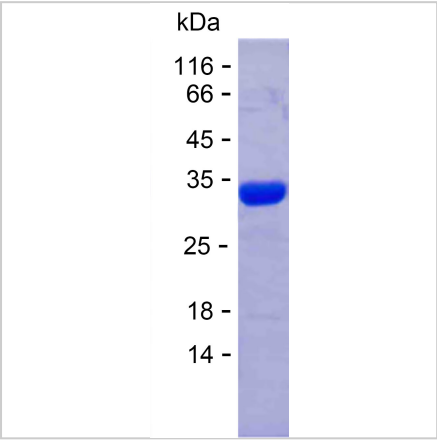
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The purified product was run on 15% SDS-PAGE at reducing conditions. The gel was stained with Coomassie brilliant blue and destained. Note: The molecular weight of the protein as observed on SDS-PAGE under reducing conditions may differ from its predicted value, due to variations in electrophoretic mobilities.

STORAGE

Shipped on dry ice.

Avoid repeated freeze-thaw cycles. Upon receipt,

* 2 days when stored at 2 to 8 °C

* 12 months when aliquoted and stored at -20 °C or below

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

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